

1/17

Fig.1.

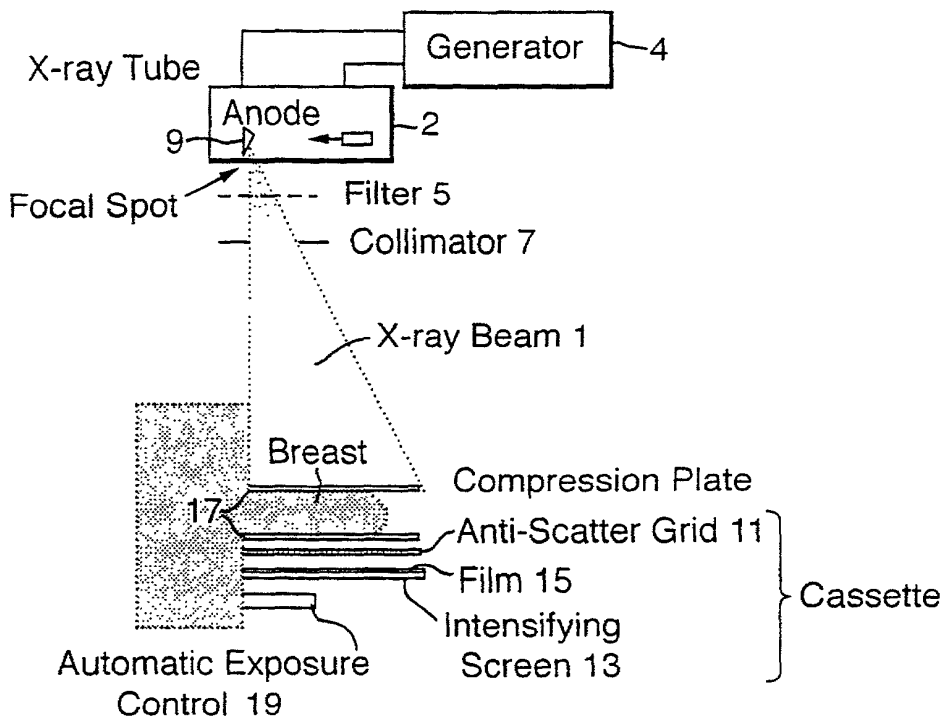
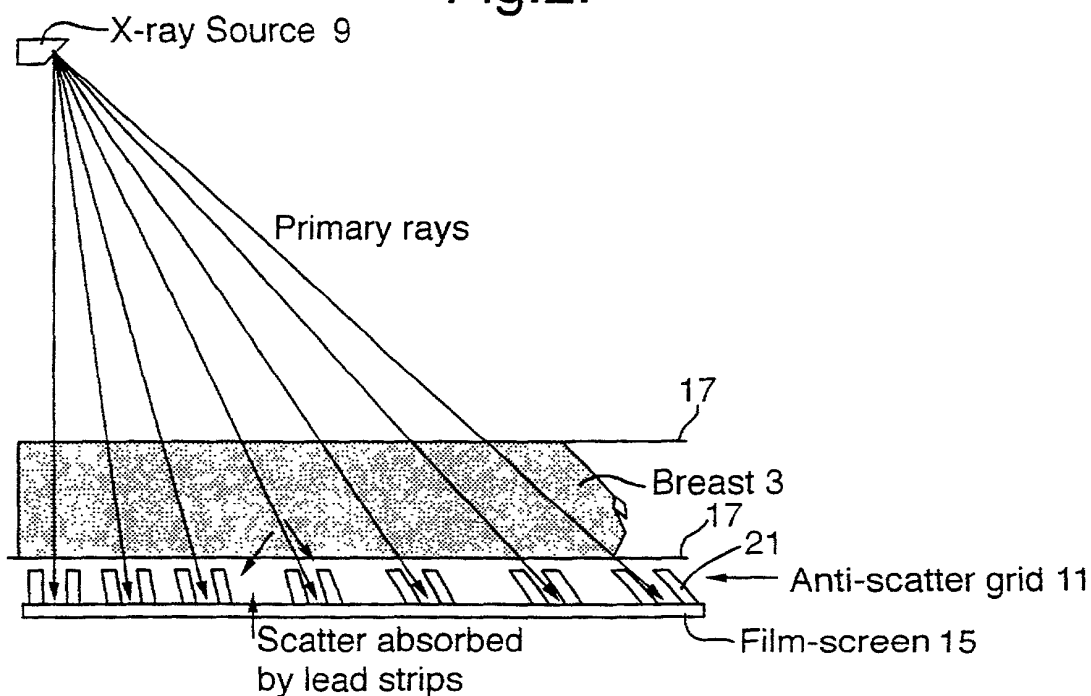
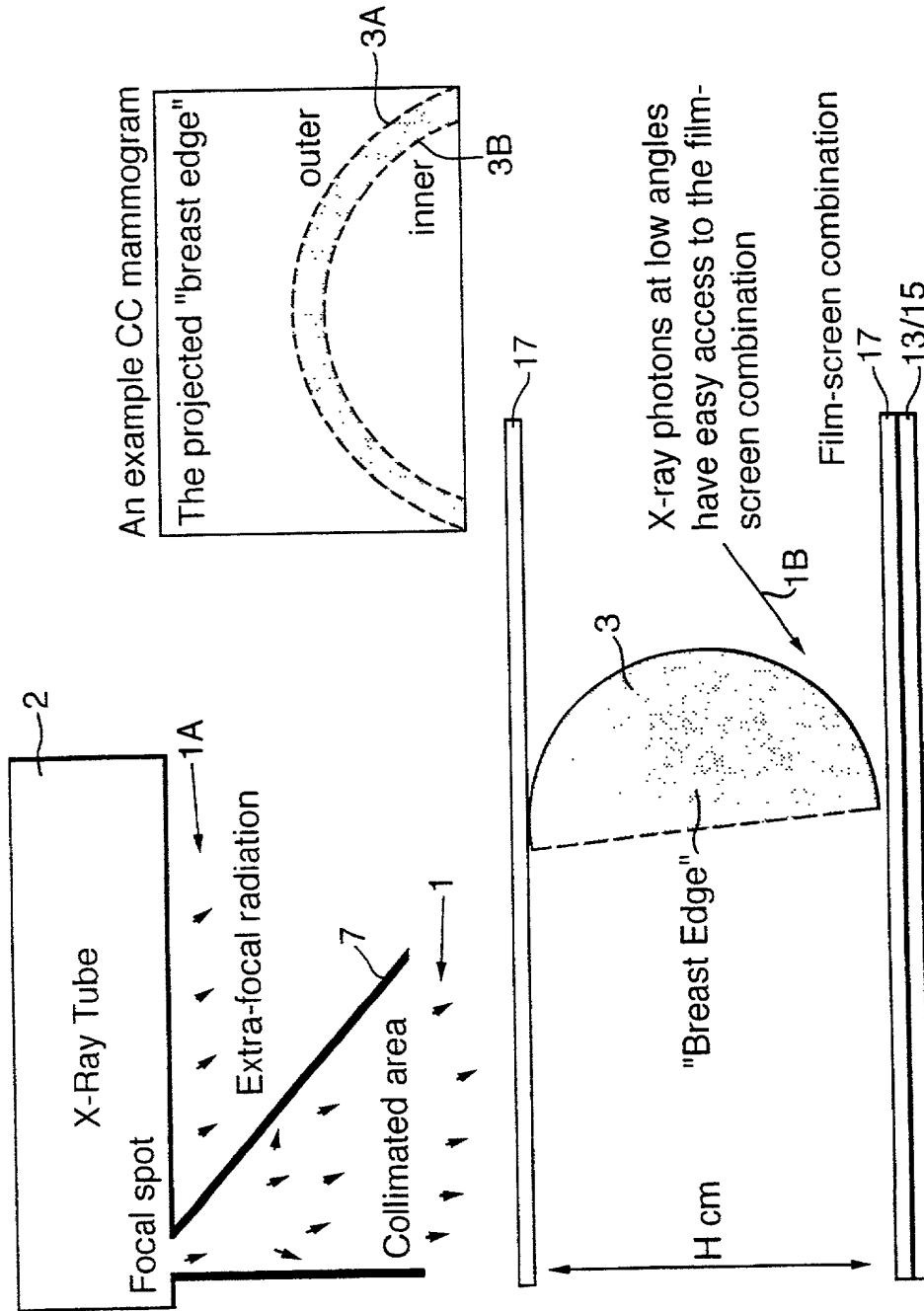


Fig.2.



2/17

Fig.3.



3/17

Fig.4.

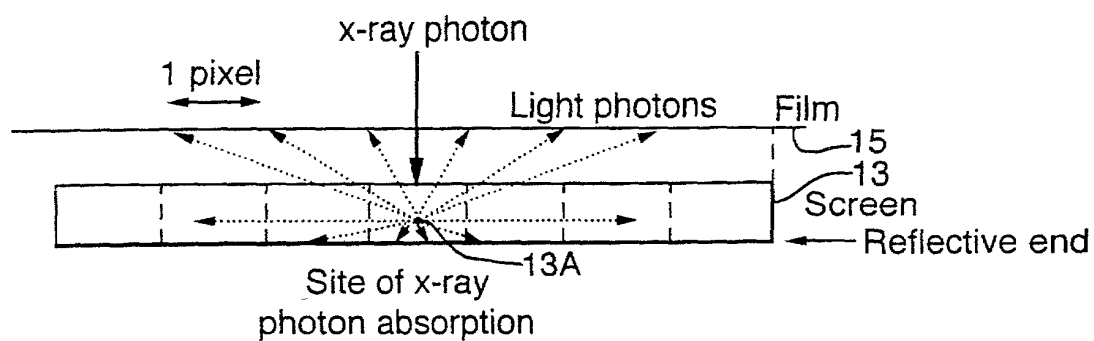
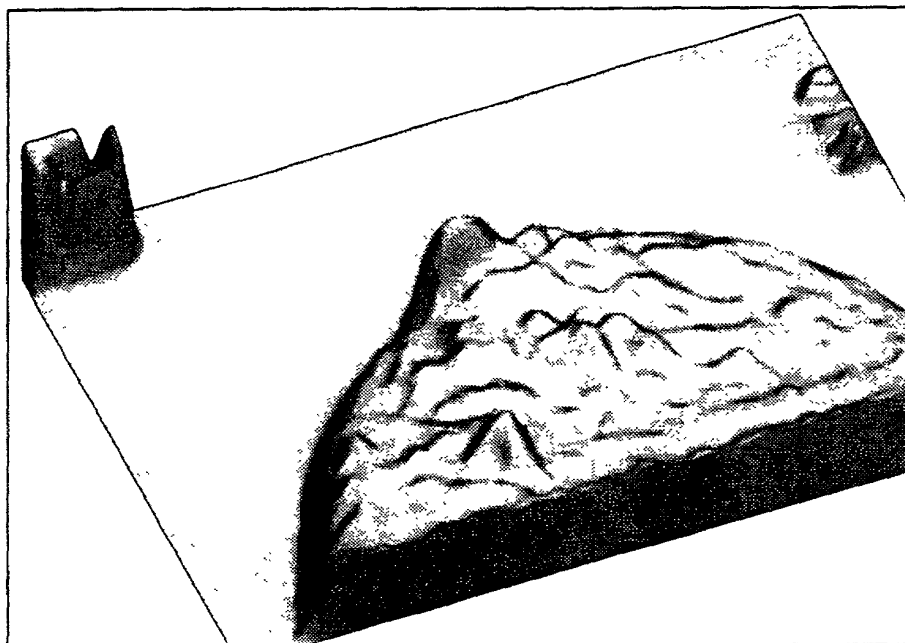


Fig.5.



4/17

Fig.6.

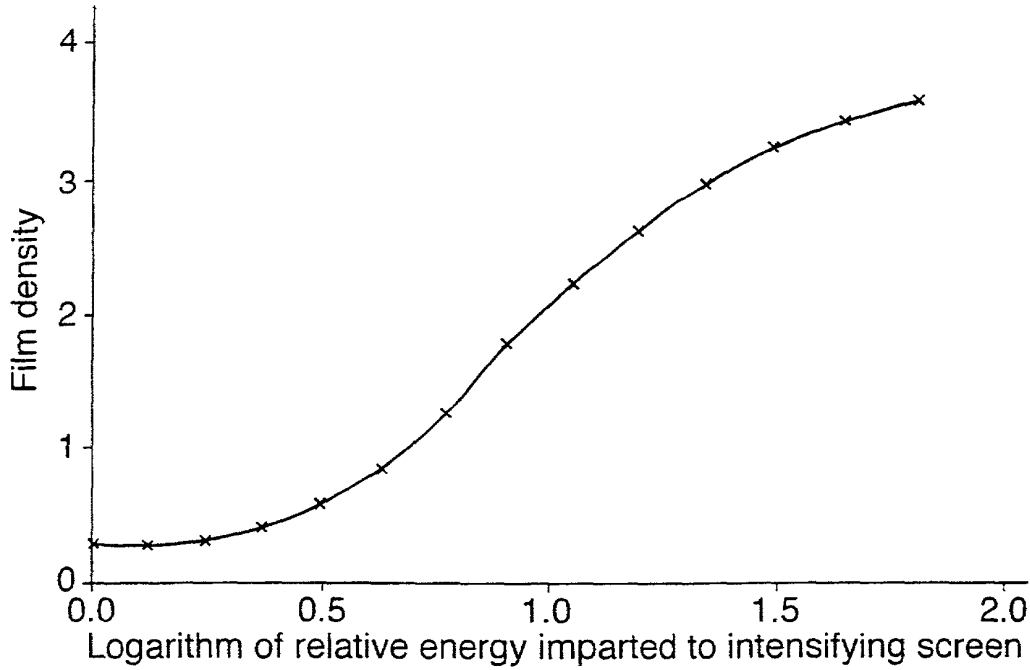
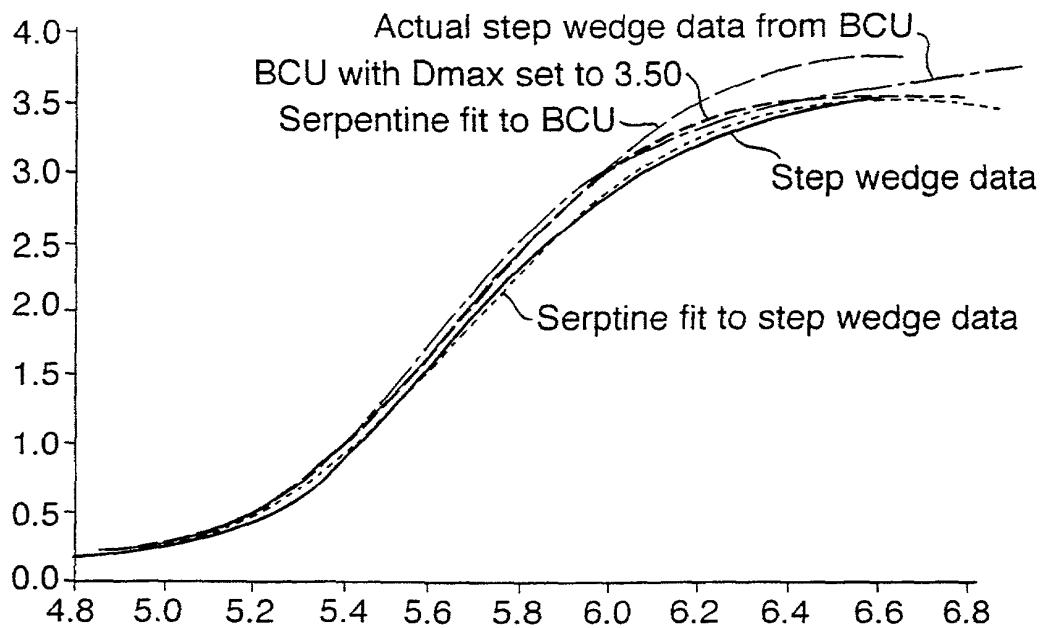


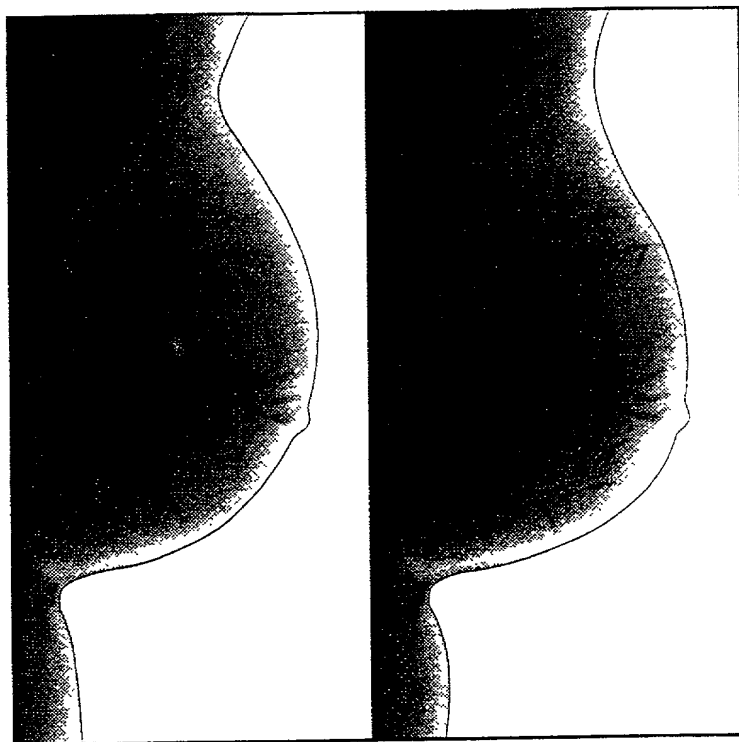
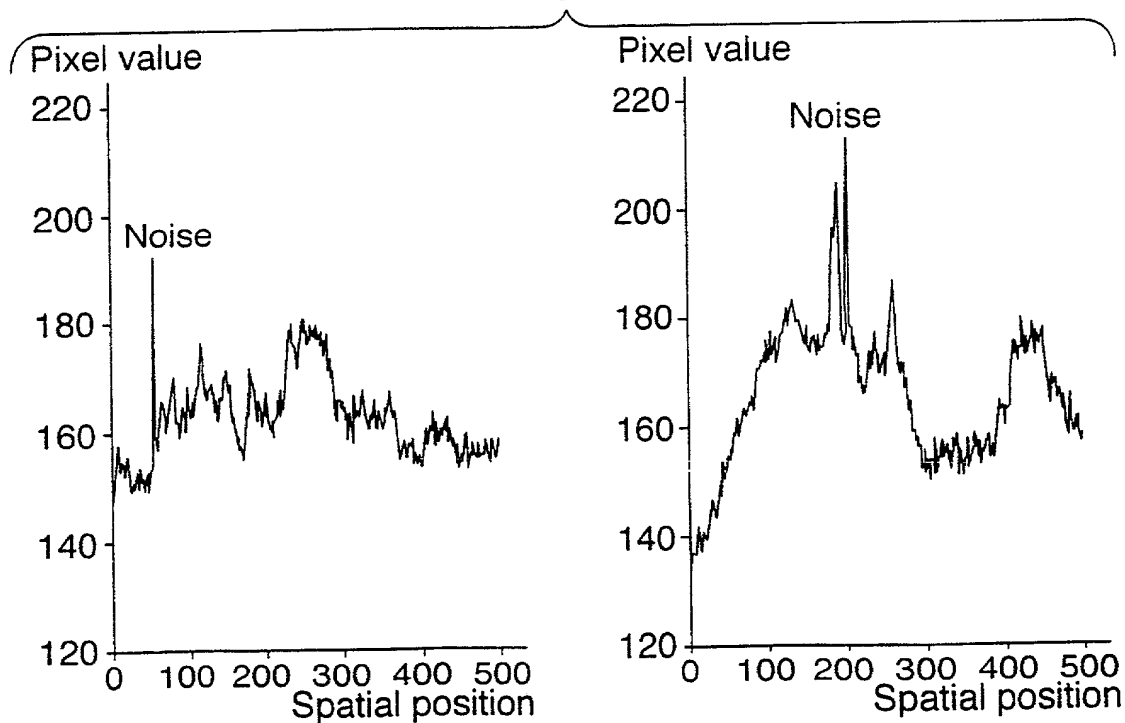
Fig.7.



5/17

**Fig.8.**

Example of glare removal

Original Energy  
ImageGlare-Removed  
Energy Image**Fig.9.**

6/17

Fig.10.

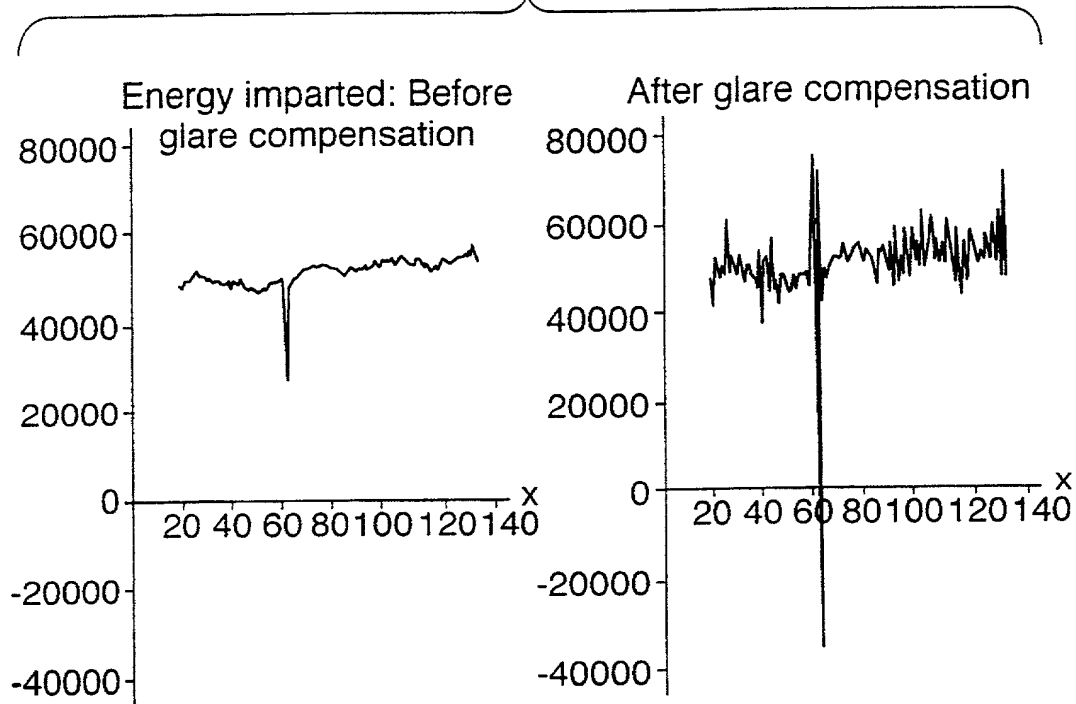
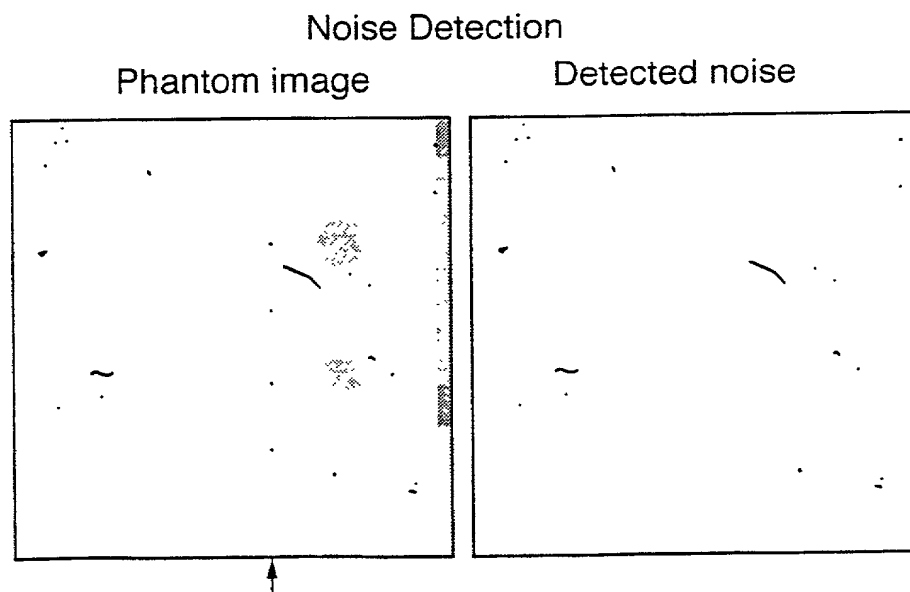


Fig.11.



7/17

Fig.12.

Noise Detection : Real Image  
Real image                      Detected noise

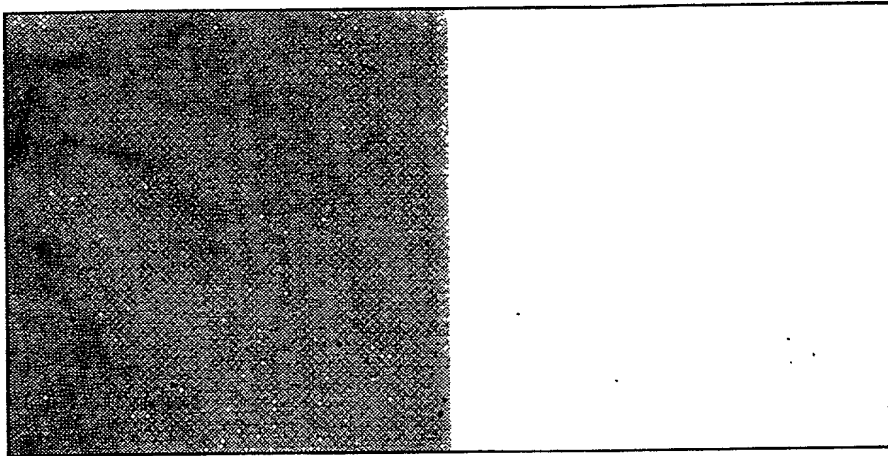
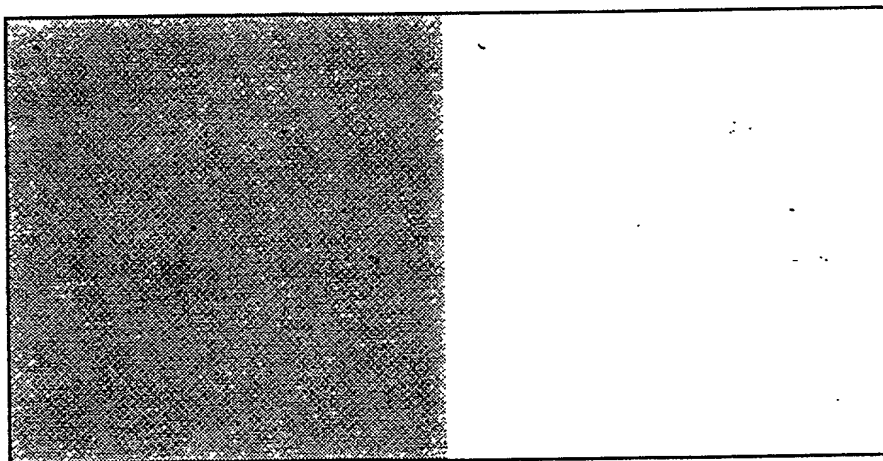


Fig.13.

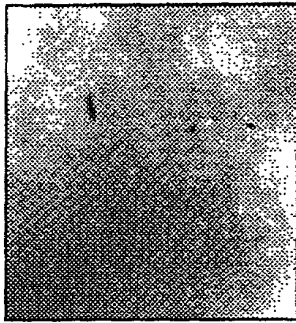
Noise Detection : Real Image  
Real image                      Detected noise



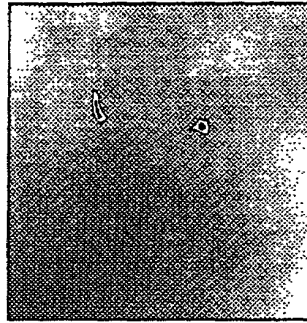
8/17

**Fig.14.**

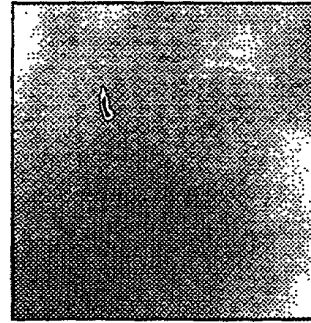
Detecting low-contrast microcalcifications



(a)



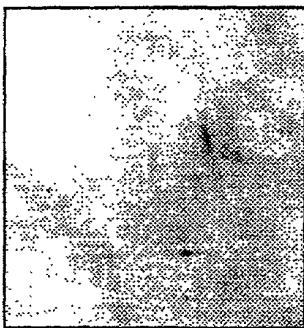
(b)



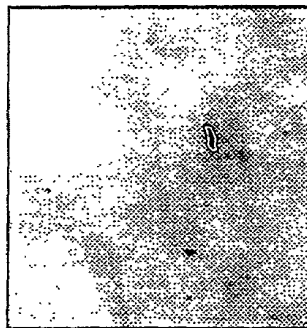
(c)

**Fig.15.**

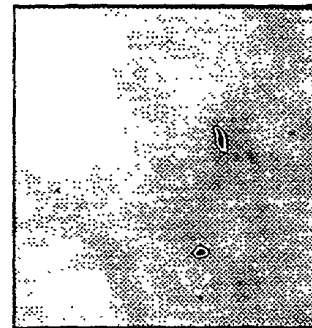
Detection of false positives



(a)



(b)



(c)



9/17

Fig.16.

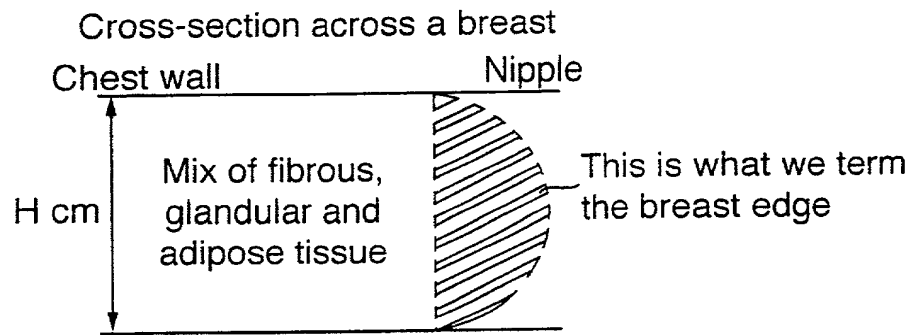
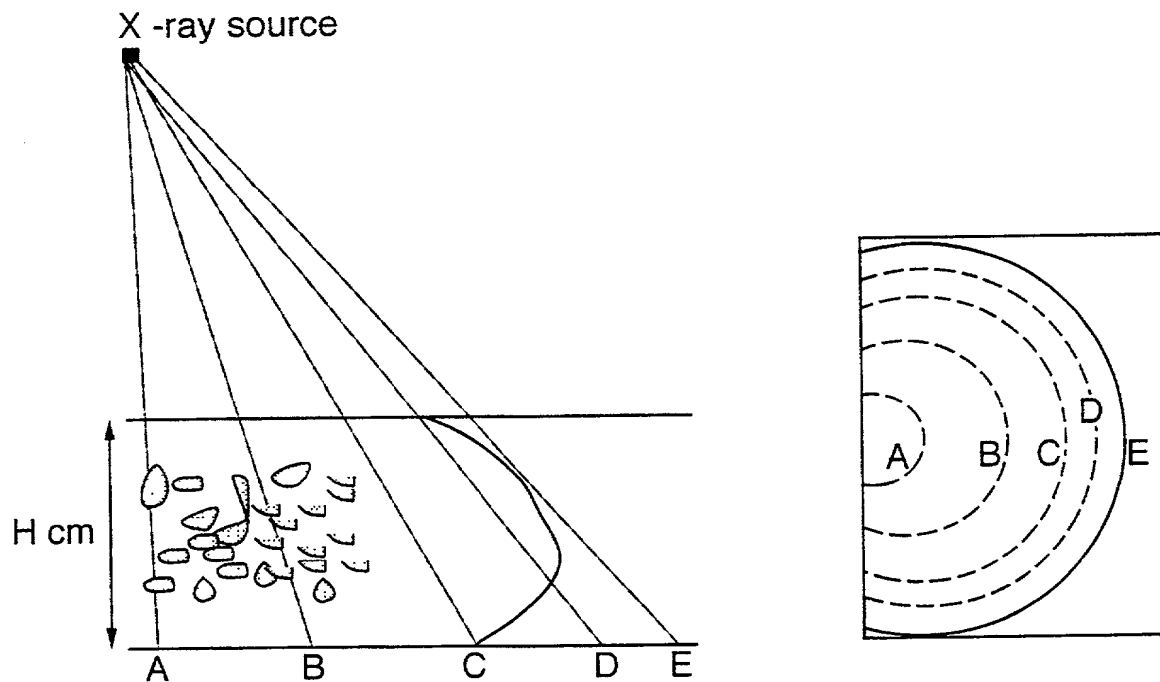


Fig.17.



10/17

Fig.18.

Examples of the projected breast edge

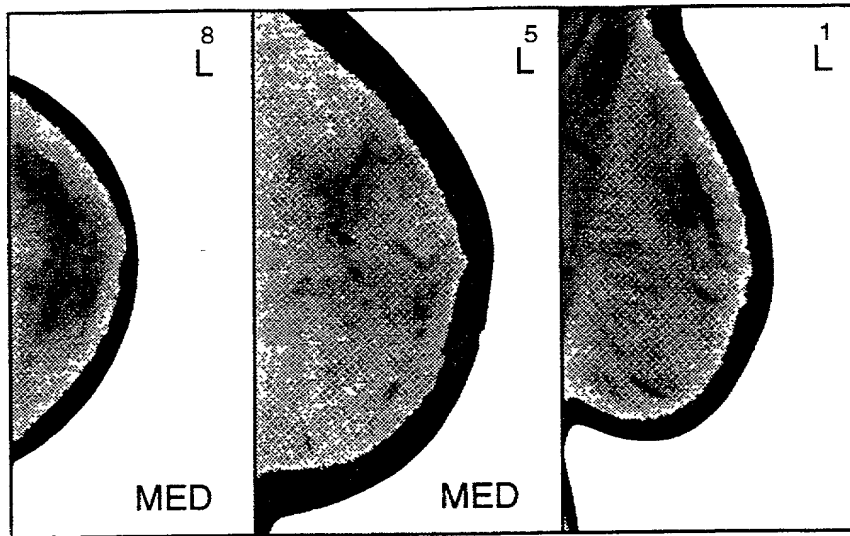


Fig.19.

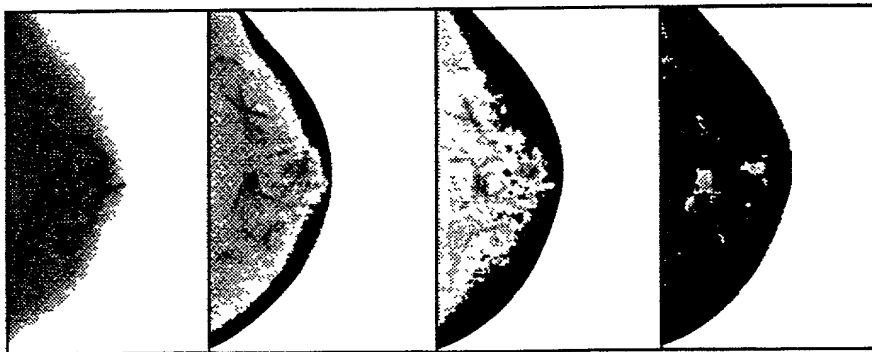
Change in the breast edge with  $H$ 

3.4cm

5.4cm

6.0cm

6.4cm



11/17

Fig.20.

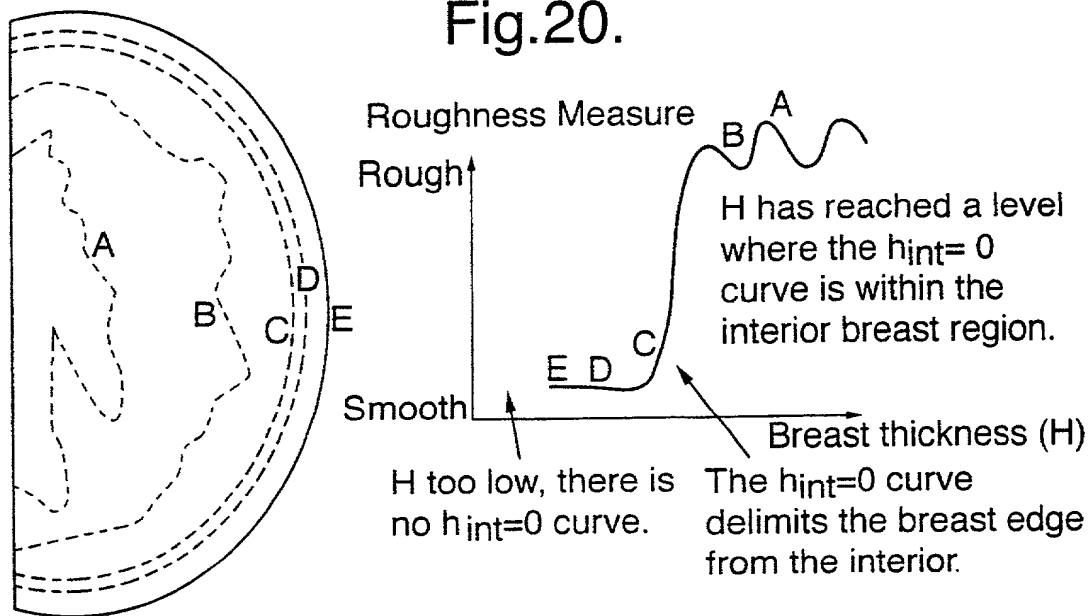


Fig.21.

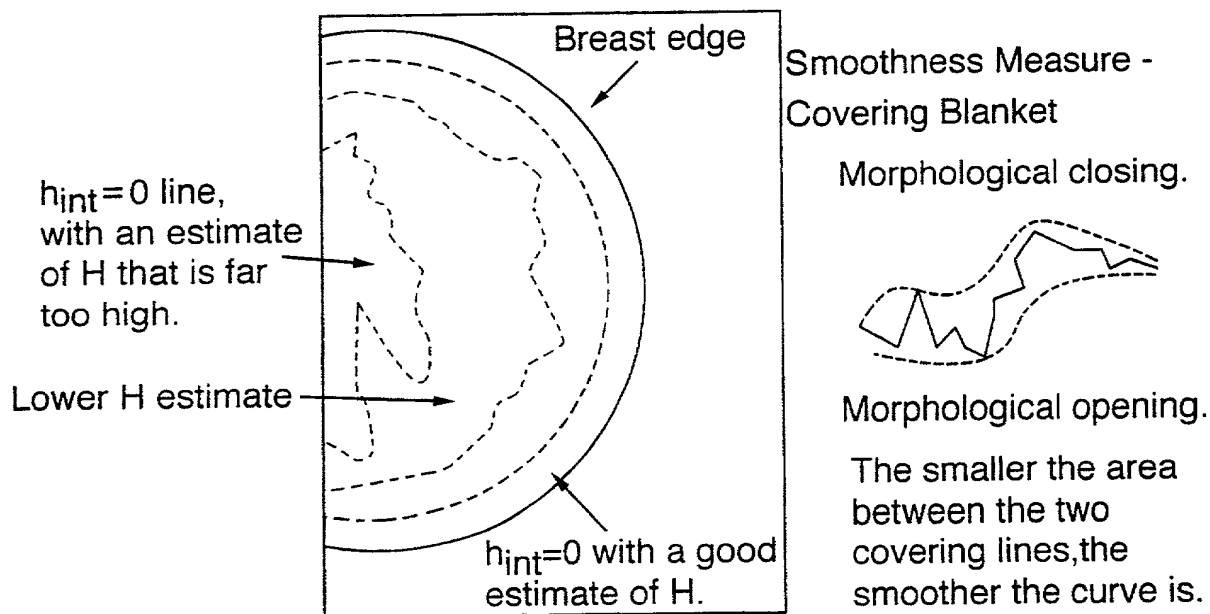
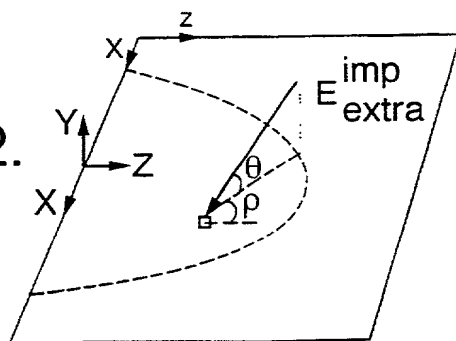
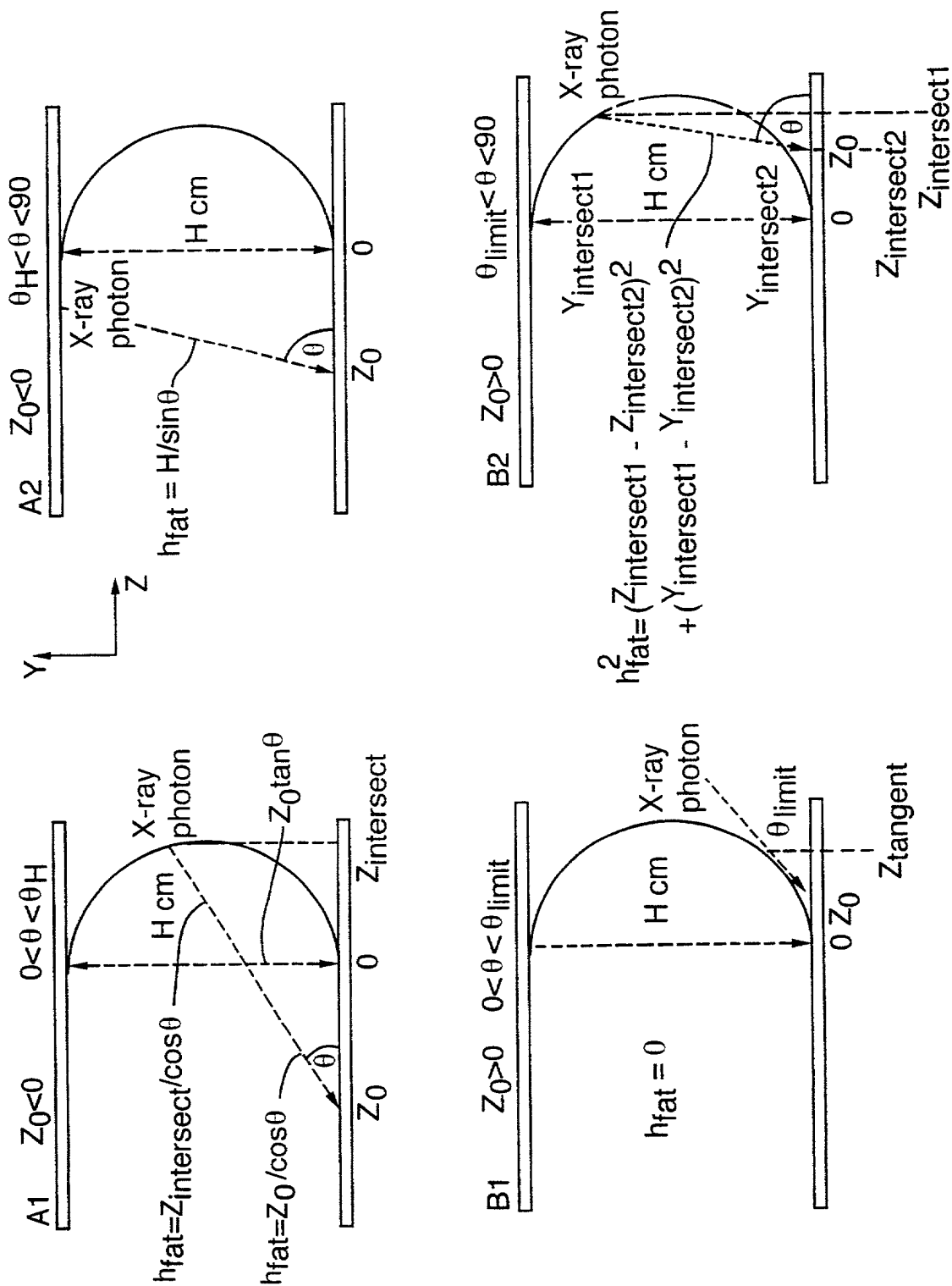


Fig.22.



12/17

Fig.23.

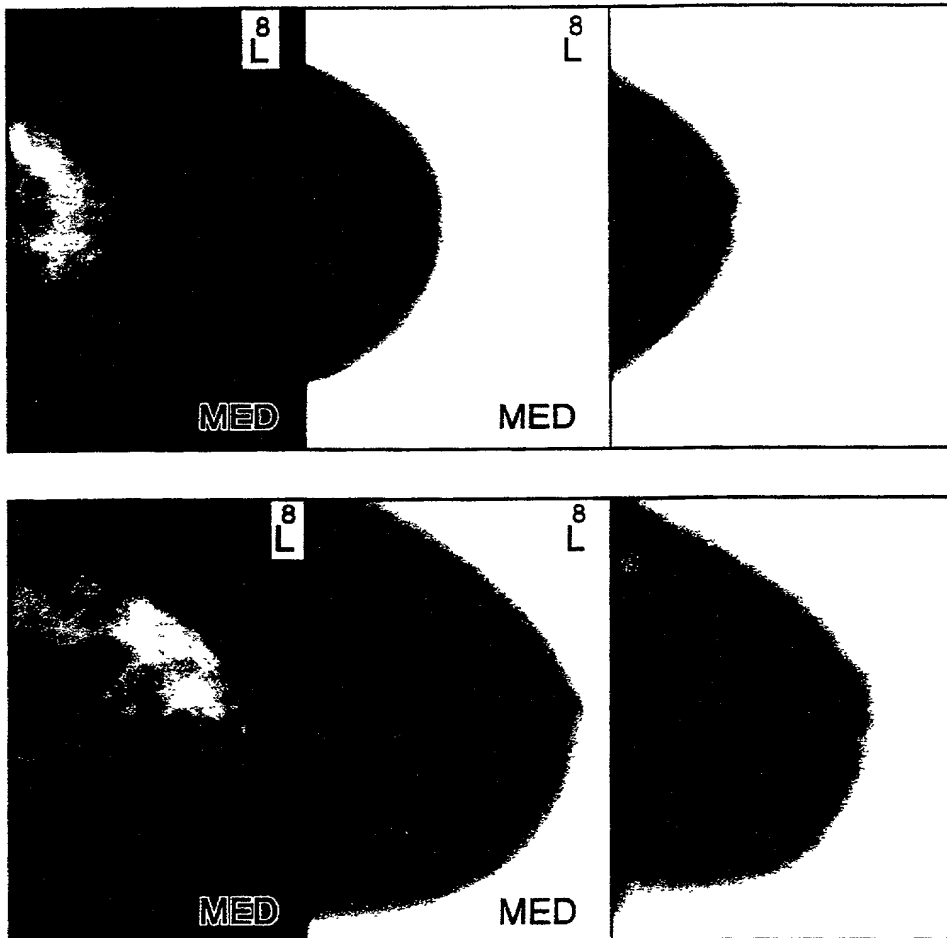


13/17

**Fig.24.**

Examples of extra-focal radiation

Original image    Energy imparted    Extra-focal component



14/17

Fig.25.

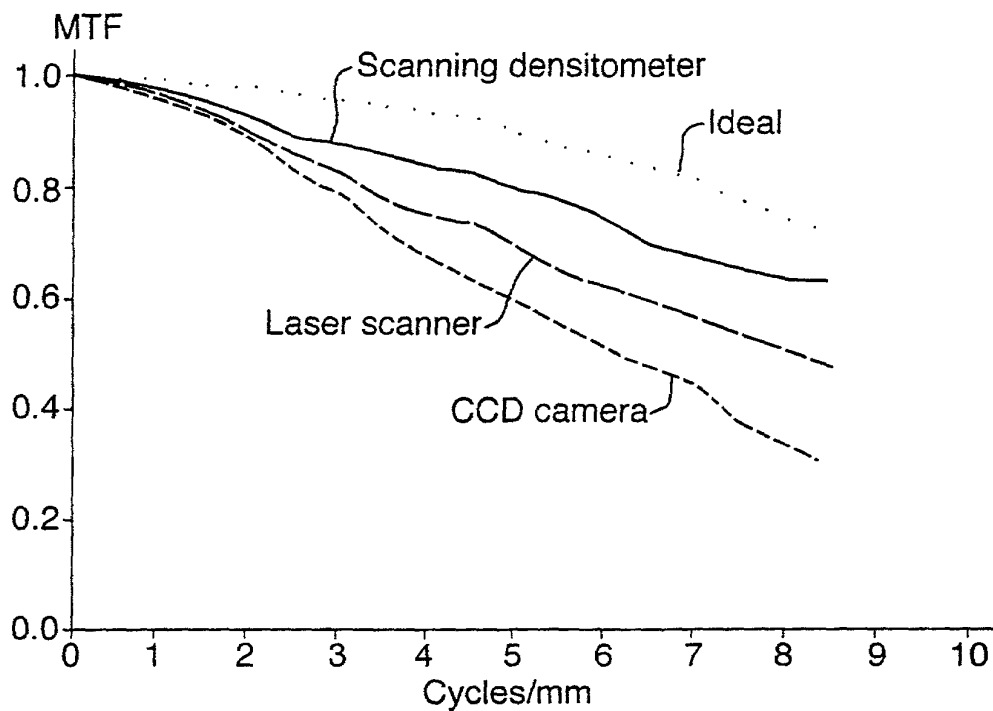
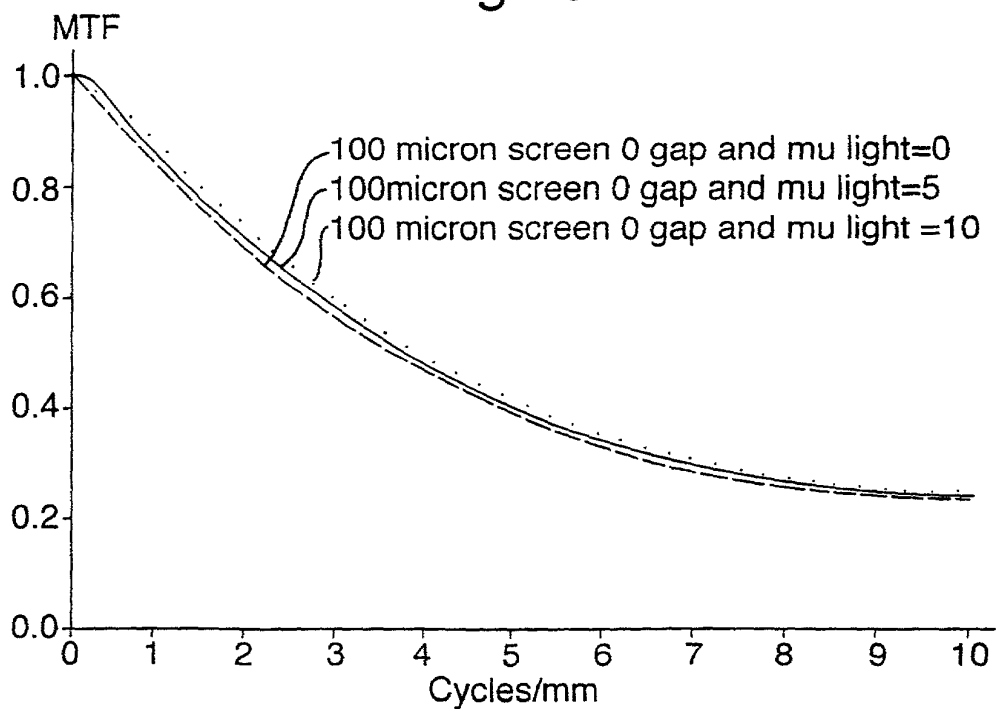


Fig.26.



15/17

Fig.27.

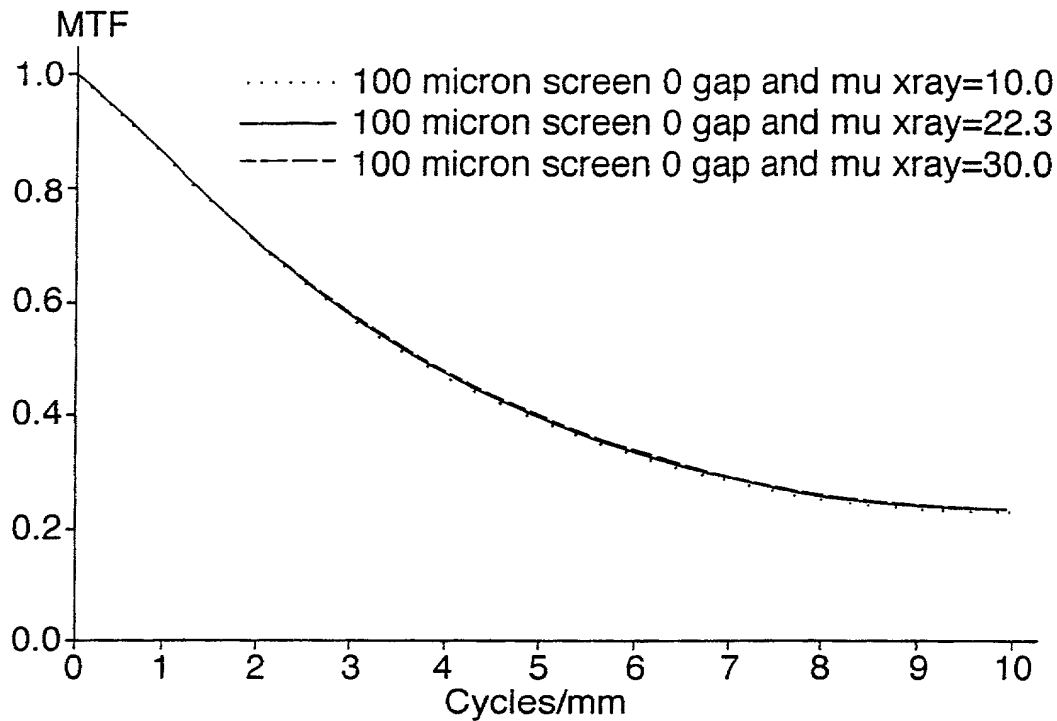
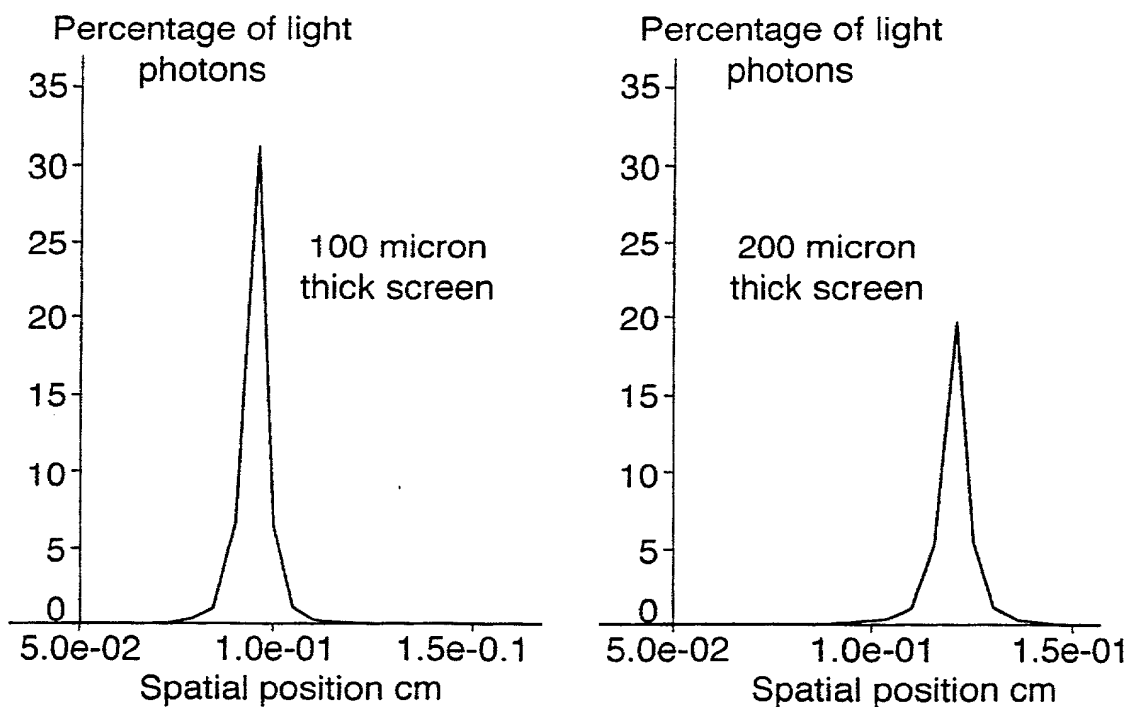


Fig.28.



16/17

Fig.29.

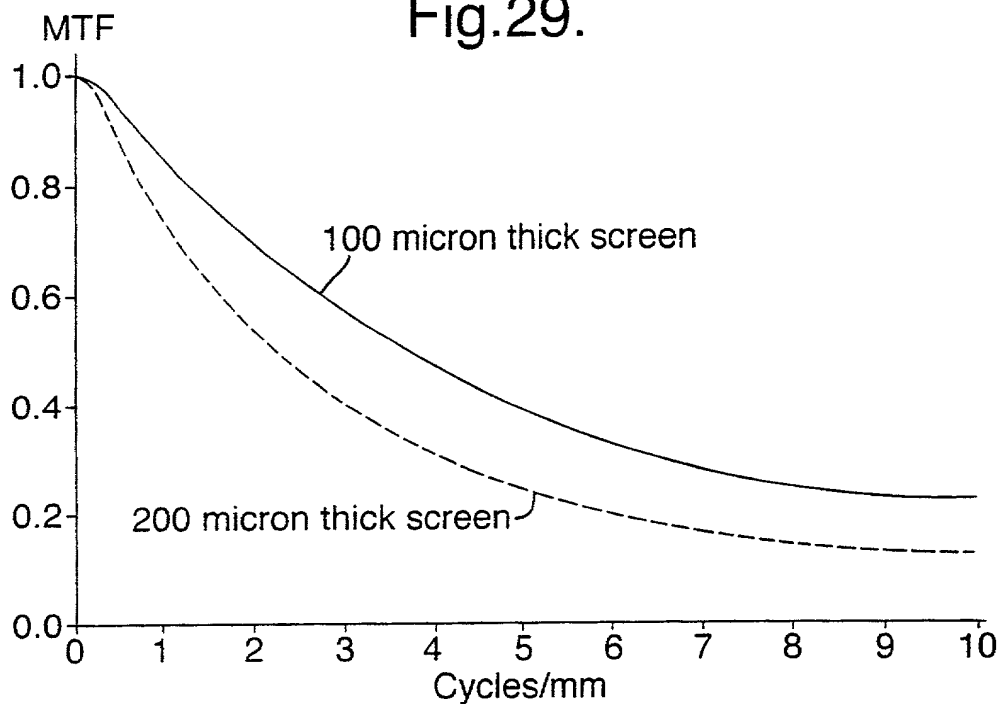
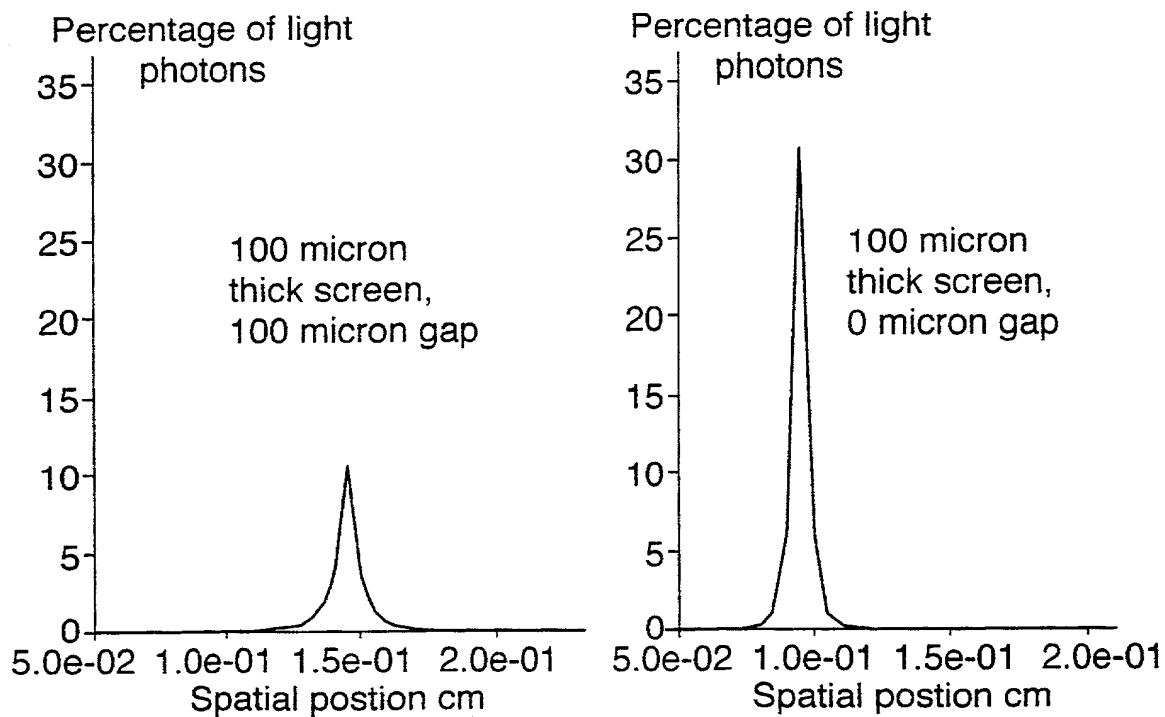


Fig.30.





17/17

Fig.31.

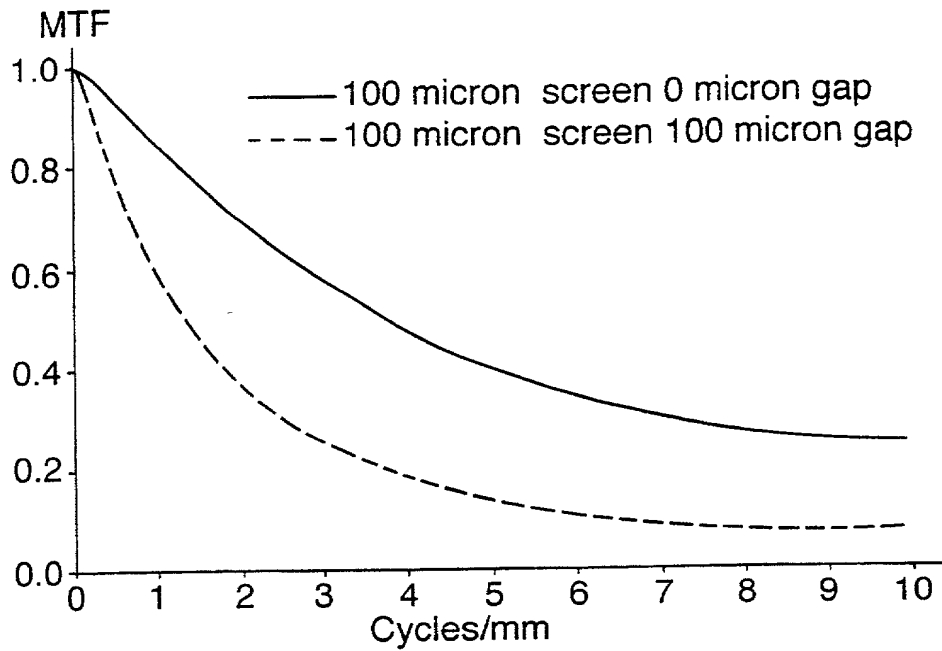


Fig.32.

